

CERTIFICATE OF ANALYSIS

Product Description	Batch	Best Before End	Customer Reference
CITRIC ACID POWDER	8982	12/2023	

PARAMETERS	SPECIFICATION	RESULTS
Colour and Appearance:	Colourless powder	Comparable to standard
Odour:	none	Comparable to standard
Melting Point:	~153°C	Conforms
pH:	1.8 (50 g/l) @ 25°C (solution)	Conforms
Specific Gravity @ 20°C	1.665	Conforms
Bulk Density @ 20°C:	Bulk density 400 - 1300 kg/m ³	Complies
Solubility in water:	576 - 1330 g/l water @ 20°C	Complies
Water	Max 0.50%	0.04
Assay	99.7 - 100.3%	99.8
Oxalic acid / oxalate	≤ 100mg/Kg	Conforms
Sulphate	≤ 100mg/Kg	Conforms
Heavy metals	≤ 5mg/Kg	Conforms
Arsenic	≤ 1mg/Kg	Conforms
Lead	≤ 0.5mg/Kg	Conforms
Mercury	≤ 0.5mg/Kg	Conforms
Calcium	≤ 30mg/Kg	Conforms
Iron	≤ 3mg/Kg	Conforms
Chloride	≤ 5mg/Kg	Conforms

DECLARATION

The information contained herein is true and accurate to the best of our knowledge and belief, but does not claim to be all inclusive. Users should conduct their own tests to determine the suitability of the product for their own specific use. Since the conditions of use are out of our control, Soapmakers shall not be held liable for any damage resulting from handling, application or processing of this material.

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This product has not been tested on animals.